

23

**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**



Declaration  
Submitted  
with Initial  
Filing

OR



Declaration  
Submitted after  
Initial Filing  
(surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number

28959-7

First Named Inventor

BRUMBOIU, Aurel

**COMPLETE IF KNOWN**

Application Number

09 /519,741

Filing Date

March 6, 2000

Group Art Unit

1743

Examiner Name

Not known

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

"METHOD FOR DETERMINING THE CONCENTRATION OF GAS IN A LIQUID"

the specification of which

(Title of the Invention)

☐ is attached hereto  
OR

☒ was filed on

March 6, 2000

as United States Application Number or PCT International

Application Number 09/519,741 and was amended on (MM/DD/YYYY)                      (If applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365 (b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

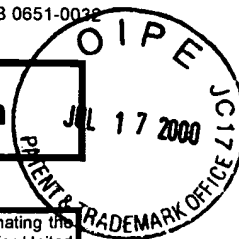
| Prior Foreign<br>Application<br>Number(s) | Country | Foreign Filing Date<br>(MM/DD/YYYY) | Priority<br>Not Claimed  | Certified Copy Attached? |                          |
|---|---------|-------------------------------------|--------------------------|--------------------------|--------------------------|
|   |         |                                     |                          | YES                      | NO                       |
|   |         |                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|   |         |                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|   |         |                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|   |         |                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

| Application Number(s) | Filing Date (MM/DD/YYYY) |  |
|-----------------------|--------------------------|--|
|                       |                          | <input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. |

# DECLARATION – Utility or Design Patent Application



I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

| U.S. Parent Application or PCT Parent Number | Parent Filing Date (MM/DD/YYYY) | Parent Patent Number (if applicable) |
|--|---------------------------------|--------------------------------------|
|  |                                 |                                      |

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached

As a named Inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

☐ Customer Number  OR ☒ Registered Practitioner(s) name/registration number listed below

Place Customer Number Bar Code Label Here

| Name                | Registration Number | Name | Registration Number |
|---------------------|---------------------|------|---------------------|
| ROSEANN B. CALDWELL | 37,077              |      |                     |
| JEFFREY T. DAINES   | 41,540              |      |                     |
| TED YOO             | 41,435              |      |                     |

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☐ Customer Number or  OR ☒ Correspondence address below Bar Code Label

|         |                             |           |                |     |                |
|---------|-----------------------------|-----------|----------------|-----|----------------|
| Name    | Ms. Roseann B. Caldwell     |           |                |     |                |
| Address | BENNETT JONES               |           |                |     |                |
| Address | 4500, 855 - 2nd STREET S.W. |           |                |     |                |
| City    | CALGARY                     | State     | AB             | Zip | T2P 4K7        |
| County  | CANADA                      | Telephone | (403) 298-3661 | Fax | (403) 269-7219 |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statement may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:

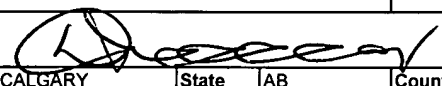
☐ A petition has been filed for this unsigned inventor

|  |                                  |                        |    |         |          |
|--|----------------------------------|------------------------|----|---------|----------|
| Given Name (first and middle [if any]) |                                  | Family Name or Surname |    |         |          |
| AUREL D.                               |                                  | BRUMBOIU               |    |         |          |
| Inventor's Signature                   |                                  |                        |    | Date    | 06/27/00 |
| Residence: City                        | CALGARY                          | State                  | AB | Country | CANADA   |
| Post Office Address                    | 3030 - 9 <sup>th</sup> Street SE |                        |    |         |          |
| Post Office Address                    |                                  |                        |    |         |          |
| City                                   | CALGARY                          | State                  | AB | Zip     | T2G 3B9  |
| Country                                | CANADA                           |                        |    |         |          |

☒ Additional inventors are being named on the \_\_1\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto,

**DECLARATION**

**ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
 Page \_\_\_\_ of \_\_\_\_

|   |         |   |    |         |   |             |        |
|---|---------|---|----|---------|---|-------------|--------|
| <b>Name of Additional Joint Inventor, if Any:</b> |         |   |    |         | <input type="checkbox"/> A petition has been filed for this unsigned inventor |             |        |
| Given Name (first and middle [if any])            |         |   |    |         | Family Name or Surname  |             |        |
| DARRELL A.  |         |   |    |         | NORQUAY   |             |        |
| Inventor's Signature                              |         |  |    |         |   | Date        |        |
|   |         |   |    |         |   | 06/27/00    |        |
| Residence: City                                   | CALGARY | State   | AB | Country | CANADA  | Citizenship | CA     |
| Post Office Address                               |         | 3030 - 9 <sup>th</sup> Avenue SE  |    |         |   |             |        |
| Post Office Address                               |         |   |    |         |   |             |        |
| City  | Calgary | State   | AB | Zip     | T2G 3B9   | Country     | CANADA |
| <b>Name of Additional Joint Inventor, if Any:</b> |         |   |    |         | <input type="checkbox"/> A petition has been filed for this unsigned inventor |             |        |
| Given Name (first and middle [if any])            |         |   |    |         | Family Name or Surname  |             |        |
|   |         |   |    |         |   |             |        |
| Inventor's Signature                              |         |   |    |         |   | Date        |        |
|   |         |   |    |         |   |             |        |
| Residence: City                                   |         | State   |    | Country |   | Citizenship |        |
| Post Office Address                               |         |   |    |         |   |             |        |
| Post Office Address                               |         |   |    |         |   |             |        |
| City  |         | State   |    | ZIP     |   | Country     |        |
| <b>Name of Additional Joint Inventor, if Any:</b> |         |   |    |         | <input type="checkbox"/> A petition has been filed for this unsigned inventor |             |        |
| Given Name (first and middle [if any])            |         |   |    |         | Family Name or Surname  |             |        |
|   |         |   |    |         |   |             |        |
| Inventor's Signature                              |         |   |    |         |   | Date        |        |
|   |         |   |    |         |   |             |        |
| Residence: City                                   |         | State   |    | Country |   | Citizenship |        |
| Post Office Address                               |         |   |    |         |   |             |        |
| Post Office Address                               |         |   |    |         |   |             |        |
| City  |         | State   |    | Zip     |   | Country     |        |

Applicant or Patentee: BRUMBOIU, Aurel D. et al.  
Attorney's Docket No.: 28959-7  
Serial or Patent No.: 09/519,741  
Filed or Issued: March 6, 2000  
For: METHOD FOR DETERMINING THE CONCENTRATION  
OF GAS IN A LIQUID



**VERIFIED STATEMENT (DECLARATION)  
CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.9(f) and 1.27(c)) - SMALL BUSINESS CONCERN**

I hereby declare that I am

☐  
☒

the owner of the small business concern identified below:  
an official of the small business concern empowered to  
act on behalf of the concern identified below:

NAME OF CONCERN: DATALOG TECHNOLOGY INC.  
ADDRESS OF CONCERN: 3030 – 9<sup>th</sup> Street SE, Calgary, Alberta T2G 3B9  
CANADA

I hereby declare that the above-identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under section 41(a) and 41(b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled METHOD FOR DETERMINING THE CONCENTRATION OF GAS IN A LIQUID by inventor BRUMBOIU, Aurel D. et al. described in the specification known as 09/519,741 filed March 6, 2000.

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below\* and no rights to the invention are held to any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9(d) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e). \*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

I acknowledge the duty to file, in this application or patent, notification of any change in status relating in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING: IAN UNDERDOWN

TITLE OF PERSON SIGNING  
OTHER THAN OWNER: PRESIDENT

ADDRESS OF PERSON SIGNING: 503 96 AVE SE  
CALGARY, AB  
T2J 0H2

SIGNATURE:  DATE: 27 June 20

Applicant or Patentee: BRUMBOIU, Aurel D. et al.  
Attorney's Docket No.: 28959-7  
Serial or Patent No.: 09/519,741  
Filed or Issued: March 6, 2000  
For: METHOD FOR DETERMINING THE CONCENTRATION  
OF GAS IN A LIQUID



**VERIFIED STATEMENT (DECLARATION)  
CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.9(f) and 1.27(b))  
INDEPENDENT INVENTOR**

As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled METHOD FOR DETERMINING THE CONCENTRATION OF GAS IN A LIQUID described in the specification known as 09/519,741 filed March 6, 2000.

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who could not be classified as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

- ☐ no such person, concern, or organization
- ☐ a company to be incorporated
- ☒ persons, concerns or organizations listed below\*

\*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

FULL NAME: DATALOG TECHNOLOGY INC.


ADDRESS: 3030 – 9<sup>th</sup> Avenue SE, Calgary, Alberta T2G 3B9 CANADA

- ☐ INDIVIDUAL ☒ SMALL BUSINESS CONCERN
- ☐ NONPROFIT ORGANIZATION

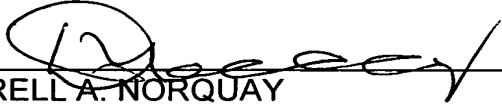
I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and

further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such wilful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

  
\_\_\_\_\_  
AUREL D. BRUMBOIU

JUN 27 2000  
Date

  
\_\_\_\_\_  
DARRELL A. NORQUAY

JUN 27, 2000  
Date